1/6

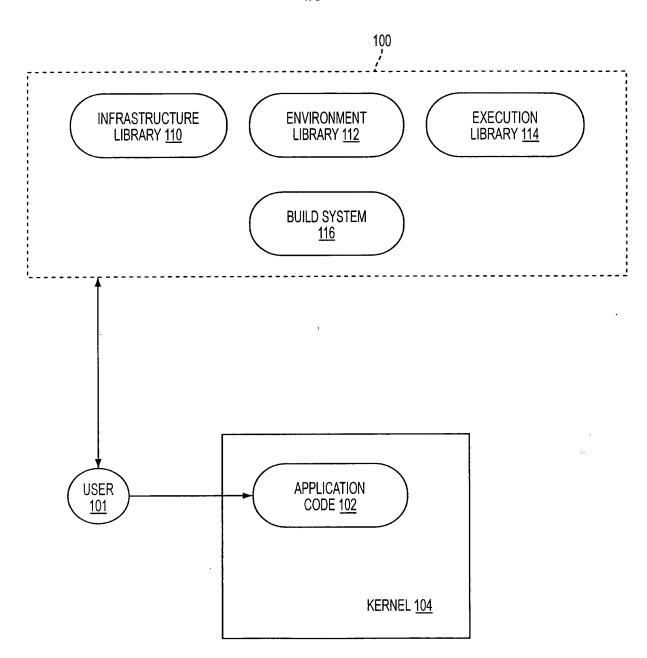
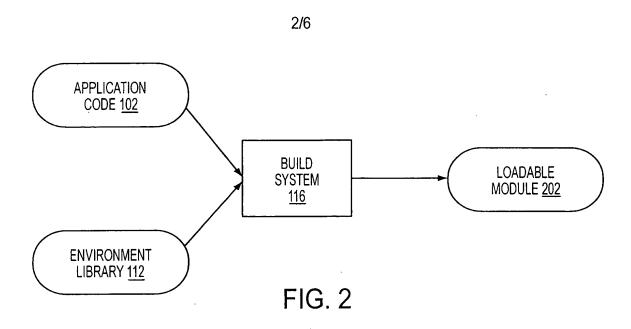
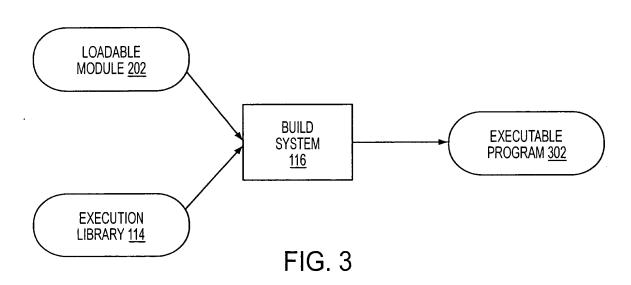


FIG. 1





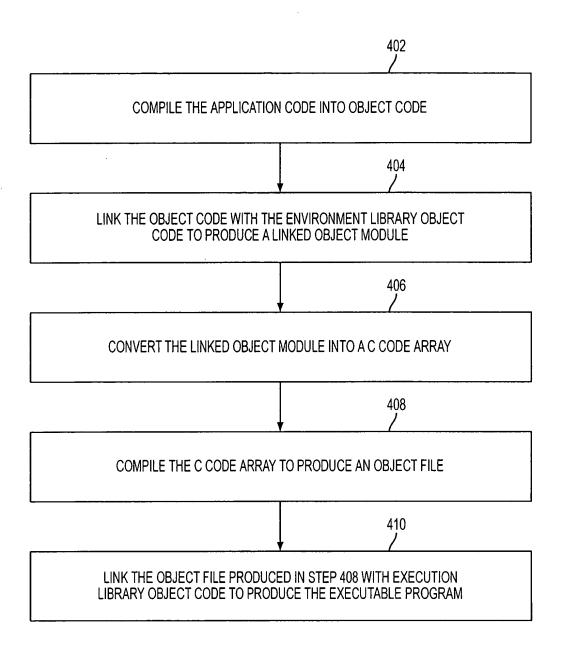


FIG. 4

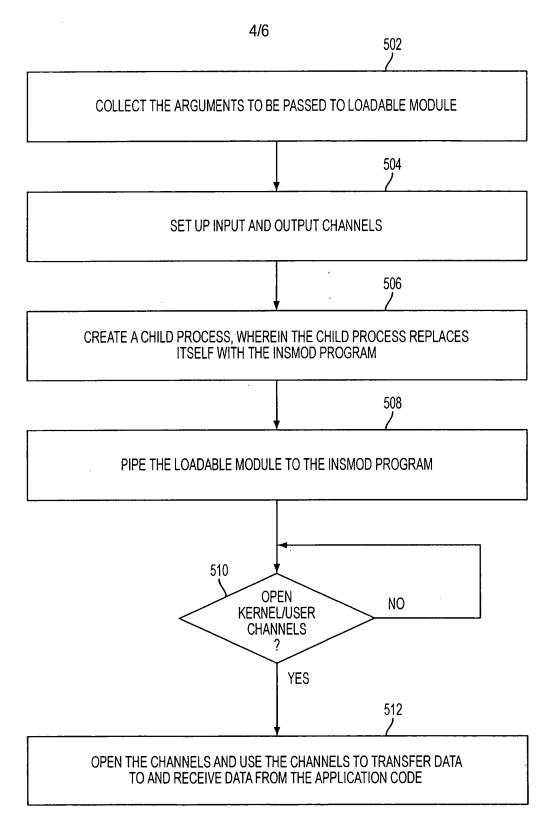


FIG. 5

```
600
void * acquisition_thread( ...)
            next = read_current_time;
while(done())
                      add_period_to(next);
clock_nanosleep(next);
collect data from device;
write(1,buffer,number_of_collected_bytes);
}
main()
             initialize;
            pthread_create(acquisition_thread ...);
rtl_main_wait();
printf("Data acquisition has stopped\n");
```

FIG. 6

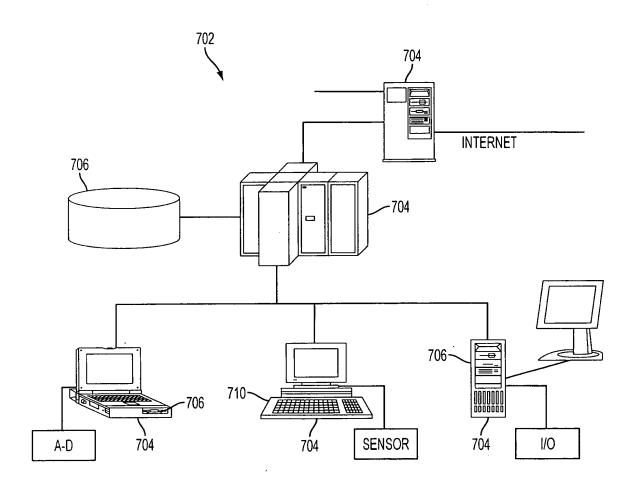


FIG. 7